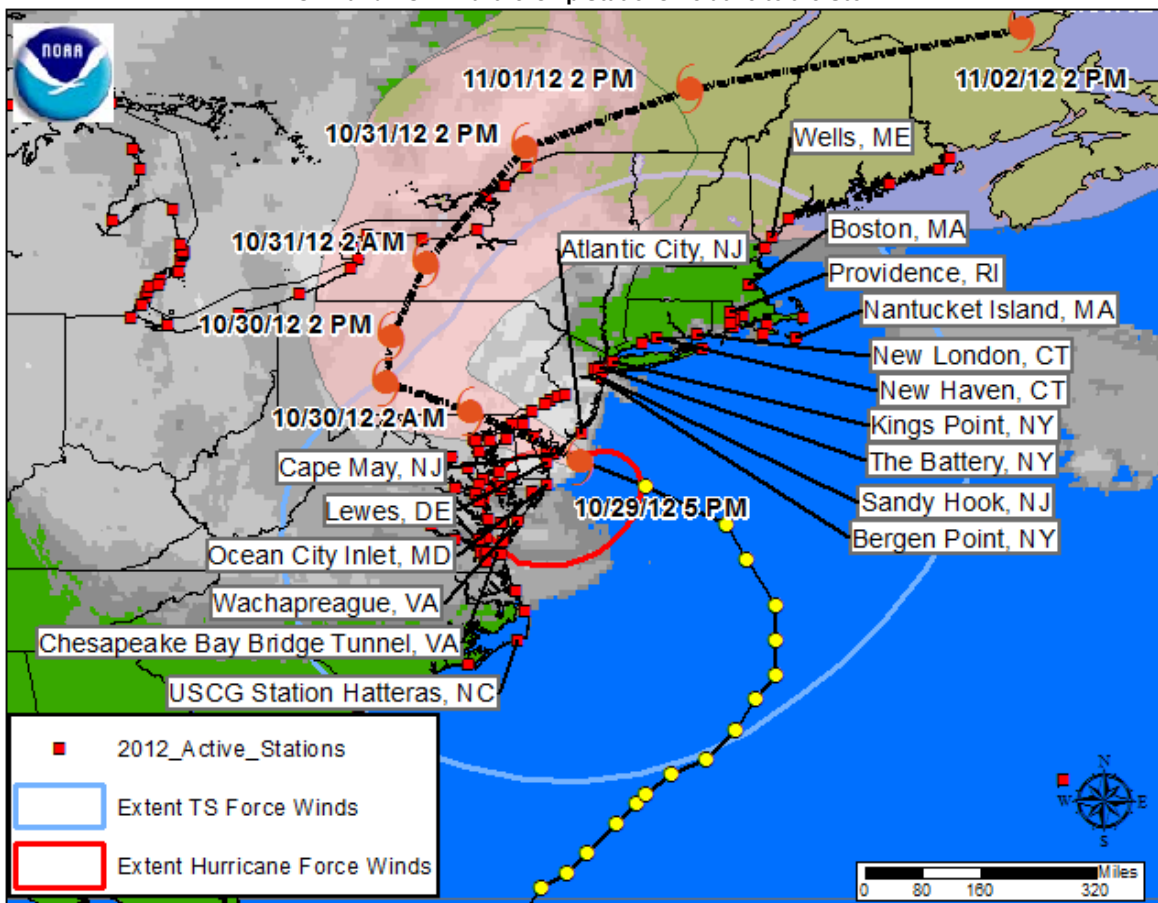




Hurricane SANDY QuickLook Posted: 18:00 EDT 10/29/2012

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 10/29/2012 18:00 EDT, water levels from the Atlantic coast of Maryland to New England are rising. Water levels from Ocean City, MD to Kings Point, NY range from 3.8 to 9.4 feet above tidal predictions. Water levels across southern New England from New Haven, CT to Nantucket Island, MA range from 3.5 to 7.4 feet above tidal predictions. Water levels from Boston, MA to Wells, ME range from 3.5 to 4.5 feet above tidal predictions. Water level residuals from Virginia southward to the Outer Banks of North Carolina have leveled off, but remain up to 2.7 feet above tidal predictions.

Winds from the Outer Banks of North Carolina north to Delaware range from 30 to 45 knots with gusts from 40 to 60 knots. Winds from New Jersey to Maine are increasing and generally range between 15 and 30 knots with gusts ranging from 25 to 45 knots. Barometric pressure is falling from the Chesapeake Bay Entrance to Maine.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to [Mean Lower Low Water](#) are:

Ocean City Inlet, MD: Next predicted high tides are 2.1 ft (0.65 m) at 10/29/2012 20:25 EDT and 2.6 ft (0.79 m) at 10/30/2012 08:56 EDT.

Lewes, DE: Next predicted high tides are 4.1 ft (1.24 m) at 10/29/2012 21:15 EDT and 4.9 ft (1.50 m) at 10/30/2012 09:30 EDT.

Cape May, NJ: Next predicted high tides are 4.9 ft (1.49 m) at 10/29/2012 21:09 EDT and 5.7 ft (1.75 m) at 10/30/2012 09:25 EDT.

Atlantic City, NJ: Next predicted high tides are 4.1 ft (1.26 m) at 10/29/2012 20:00 EDT and 4.8 ft (1.49 m) at 10/30/2012 08:17 EDT.

Sandy Hook, NJ: Next predicted high tides are 4.9 ft (1.49 m) at 10/29/2012 20:22 EDT and 5.5 ft (1.70 m) at 10/30/2012 08:37 EDT.

Bergen Point West Reach, NY: Next predicted high tides are 5.3 ft (1.60 m) at 10/29/2012 20:53 EDT and 5.8 ft (1.79 m) at 10/30/2012 09:04 EDT.

The Battery, NY: Next predicted high tides are 4.7 ft (1.44 m) at 10/29/2012 20:53 EDT and 5.3 ft (1.64 m) at 10/30/2012 09:07 EDT.

Kings Point, NY: Next predicted high tides are 7.6 ft (2.31 m) at 10/30/2012 00:27 EDT and 8.1 ft (2.50 m) at 10/30/2012 12:31 EDT.

New Haven, CT: Next predicted high tides are 6.2 ft (1.89 m) at 10/29/2012 23:53 EDT and 6.9 ft (2.14 m) at 10/30/2012 12:05 EDT.

New London, CT: Next predicted high tides are 2.6 ft (0.78 m) at 10/29/2012 21:52 EDT and 3.2 ft (0.98 m) at 10/30/2012 10:09 EDT.

Providence, RI: Next predicted high tides are 4.6 ft (1.39 m) at 10/29/2012 20:41 EDT and 5.1 ft (1.56 m) at 10/30/2012 08:57 EDT.

Nantucket Island, MA: Next predicted high tides are 2.9 ft (0.88 m) at 10/30/2012 01:17 EDT and 3.5 ft (1.09 m) at 10/30/2012 13:09 EDT.

Boston, MA: Next predicted high tides are 9.6 ft (2.91 m) at 10/30/2012 00:02 EDT and 10.4 ft (3.19 m) at 10/30/2012 12:09 EDT.

Wells, ME: Next predicted high tides are 8.9 ft (2.70 m) at 10/30/2012 00:02 EDT and 9.7 ft (2.98 m) at 10/30/2012 12:10 EDT.

Wachapreague, VA: Next predicted high tides are 4.3 ft (1.30 m) at 10/29/2012 20:58 EDT and 5.0 ft (1.53 m) at 10/30/2012 09:26 EDT.

Chesapeake Bay Bridge Tunnel, VA: Next predicted high tides are 2.6 ft (0.80 m) at 10/29/2012 20:52 EDT and 3.2 ft (0.99 m) at 10/30/2012 09:11 EDT.

USCG Station Hatteras, NC: Next predicted high tides are 0.7 ft (0.22 m) at 10/29/2012 21:30 EDT and 0.9 ft (0.27 m) at 10/30/2012 09:42 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see [Tidal Datums](#). For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:KG

SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

HURRICANE SANDY ADVISORY NUMBER 30
500 PM EDT MON OCT 29 2012

...SANDY MOVING QUICKLY TOWARD SOUTHERN NEW JERSEY AND DELAWARE...
...LANDFALL EXPECTED EARLY THIS EVENING ACCOMPANIED BY LIFE-THREATENING
STORM SURGE AND HURRICANE-FORCE WINDS...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

ALL TROPICAL STORM WARNINGS FOR EASTERN NORTH CAROLINA HAVE BEEN
DISCONTINUED.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

THERE ARE NO COASTAL TROPICAL CYCLONE WARNINGS IN EFFECT.

HOWEVER...THERE ARE NON-TROPICAL HIGH-WIND WARNINGS IN EFFECT FOR PORTIONS OF THE MID-ATLANTIC AND NEW ENGLAND STATES. PLEASE SEE STATEMENTS FROM LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICES.

HURRICANE-FORCE WINDS ARE EXPECTED ALONG PORTIONS OF THE COAST BETWEEN CHINCOTEAGUE VIRGINIA AND CHATHAM MASSACHUSETTS. THIS INCLUDES THE TIDAL POTOMAC FROM COBB ISLAND TO SMITH POINT...THE MIDDLE AND UPPER CHESAPEAKE BAY...DELAWARE BAY...AND THE COASTS OF THE NORTHERN DELMARVA PENINSULA...NEW JERSEY...THE NEW YORK CITY AREA...LONG ISLAND...CONNECTICUT...AND RHODE ISLAND.

TROPICAL-STORM-FORCE WINDS ARE EXPECTED NORTH OF CHATHAM TO MERRIMACK RIVER MASSACHUSETTS...THE LOWER CHESAPEAKE BAY...AND SOUTH OF CHINCOTEAGUE TO EXTREME NORTHEASTERN NORTH CAROLINA.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 500 PM EDT...THE CENTER OF HURRICANE SANDY WAS LOCATED BY AN AIR FORCE RESERVE HURRICANE HUNTER AIRCRAFT AND NOAA DOPPLER WEATHER RADARS TO BE NEAR LATITUDE 38.8 NORTH...LONGITUDE 74.4 WEST. SANDY IS MOVING TOWARD THE WEST-NORTHWEST NEAR 28 MPH. THIS GENERAL MOTION IS EXPECTED TO CONTINUE THROUGH THIS EVENING UNTIL LANDFALL OCCURS. ON THE FORECAST TRACK... THE CENTER OF SANDY IS EXPECTED TO MAKE LANDFALL ALONG OR JUST SOUTH OF THE SOUTHERN NEW JERSEY COAST WITHIN THE NEXT FEW HOURS.

MAXIMUM SUSTAINED WINDS ARE NEAR 90 MPH...WITH HIGHER GUSTS. SANDY IS EXPECTED TO TRANSITION INTO A FRONTAL OR WINTERTIME LOW PRESSURE SYSTEM SHORTLY. LITTLE CHANGE IN STRENGTH IS EXPECTED PRIOR TO LANDFALL. SANDY IS FORECAST TO WEAKEN AFTER LANDFALL.

HURRICANE-FORCE WINDS EXTEND OUTWARD UP TO 175 MILES...FROM THE CENTER...AND TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 485 MILES. SUSTAINED WINDS TO TROPICAL STORM FORCE ARE OCCURRING FROM SOUTHERN NEW ENGLAND THROUGH LONG ISLAND AND LONG ISLAND SOUND... AND SOUTHWARD ALONG THE COASTS OF NEW JERSEY... DELAWARE...AND EASTERN VIRGINIA... AND INCLUDING ALL OF THE CHESAPEAKE AND DELAWARE BAYS. HURRICANE-FORCE WIND GUSTS HAVE BEEN REPORTED BY HAM RADIO OPERATORS ACROSS PORTIONS OF EXTREME SOUTHEASTERN MASSACHUSETTS AND RHODE ISLAND. A HAM RADIO OPERATOR RECENTLY REPORTED A SUSTAINED WIND OF 64 MPH...WITH GUST TO 86 MPH...IN WESTERLY RHODE ISLAND... AND ANOTHER HAM RADIO OPERATOR REPORTED A WIND GUST TO 76 MPH...IN BARNSTABLE MASSACHUSETTS.

THE ESTIMATED MINIMUM CENTRAL PRESSURE BASED ON REPORTS FROM THE HURRICANE HUNTER AIRCRAFT IS 940 MB.

HAZARDS AFFECTING LAND

WIND...TROPICAL-STORM-FORCE WINDS ARE ALREADY OCCURRING OVER PORTIONS OF THE MID-ATLANTIC STATES FROM NORTH CAROLINA NORTHWARD TO SOUTHERN NEW ENGLAND. GALE-FORCE WINDS ARE EXPECTED TO CONTINUE TO SPREAD OVER OTHER PORTIONS OF THE MID-ATLANTIC STATES OVER THE NEXT COUPLE OF HOURS. HURRICANE-FORCE WIND GUSTS HAVE REACHED THE SOUTHERN MASSACHUSETTS AND RHODE ISLAND. HURRICANE-FORCE WINDS ARE EXPECTED TO GRADUALLY SPREAD ACROSS SOUTHERN NEW ENGLAND AND MID-ATLANTIC STATES...FROM CONNECTICUT SOUTHWARD TO NEW JERSEY AND DELAWARE...INCLUDING NEW YORK CITY AND LONG ISLAND.

IT IS IMPORTANT TO NOTE THAT WINDS AFFECTING THE UPPER FLOORS OF HIGH-RISE BUILDINGS WILL BE SIGNIFICANTLY STRONGER THAN THOSE NEAR GROUND LEVEL.

STORM SURGE...THE COMBINATION OF AN EXTREMELY DANGEROUS STORM SURGE AND

THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING DEPTHS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE...

NC NORTH OF SURF CITY INCLUDING PAMLICO/ALBEMARLE SOUNDS...3 TO 5 FT
 SE VA AND DELMARVA INCLUDING LOWER CHESAPEAKE BAY...2 TO 4 FT UPPER AND MIDDLE CHESAPEAKE BAY...1 TO 3 FT
 LONG ISLAND SOUND...RARITAN BAY...AND NEW YORK HARBOR...6 TO 11 FT
 ELSEWHERE FROM OCEAN CITY MD TO THE CT/RI BORDER...4 TO 8 FT
 CT/RI BORDER TO THE SOUTH SHORE OF CAPE COD INCLUDING BUZZARDS BAY AND NARRAGANSETT BAY...3 TO 6 FT
 CAPE COD TO THE MA/NH BORDER INCLUDING CAPE COD BAY...2 TO 4 FT
 MA/NH BORDER TO THE U.S./CANADA BORDER...1 TO 3 FT

SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES.
 GIVEN THE LARGE WIND FIELD ASSOCIATED WITH SANDY...ELEVATED WATER LEVELS COULD SPAN MULTIPLE TIDE CYCLES RESULTING IN REPEATED AND EXTENDED PERIODS OF COASTAL AND BAYSIDE FLOODING. IN ADDITION... ELEVATED WATERS COULD OCCUR FAR REMOVED FROM THE CENTER OF SANDY.
 FURTHERMORE...THESE CONDITIONS WILL OCCUR REGARDLESS OF WHETHER SANDY IS A TROPICAL OR POST-TROPICAL CYCLONE. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

RAINFALL...RAINFALL TOTALS OF 3 TO 6 INCHES ARE EXPECTED OVER FAR NORTHEASTERN NORTH CAROLINA WITH ISOLATED MAXIMUM TOTALS OF 8 INCHES POSSIBLE. RAINFALL AMOUNTS OF 4 TO 8 INCHES ARE EXPECTED OVER PORTIONS OF THE MID ATLANTIC STATES...INCLUDING THE DELMARVA PENINSULA...WITH ISOLATED MAXIMUM AMOUNTS OF 12 INCHES POSSIBLE. RAINFALL AMOUNTS OF 1 TO 3 INCHES WITH ISOLATED MAXIMUM AMOUNTS OF 5 INCHES ARE POSSIBLE FROM THE SOUTHERN TIER OF NEW YORK STATE NORTHEASTWARD THROUGH NEW ENGLAND.

SNOWFALL...SNOW ACCUMULATIONS OF 2 TO 3 FEET ARE EXPECTED IN THE MOUNTAINS OF WEST VIRGINIA WITH LOCALLY HIGHER TOTALS TODAY THROUGH WEDNESDAY. SNOWFALL OF 1 TO 2 FEET IS EXPECTED IN THE MOUNTAINS OF SOUTHWESTERN VIRGINIA TO THE KENTUCKY BORDER...WITH 12 TO 18 INCHES OF SNOW EXPECTED IN THE MOUNTAINS NEAR THE NORTH CAROLINA/TENNESSEE BORDER AND IN THE MOUNTAINS OF WESTERN MARYLAND.

SURF...DANGEROUS SURF CONDITIONS WILL CONTINUE FROM FLORIDA THROUGH NEW ENGLAND FOR THE NEXT COUPLE OF DAYS.

NEXT ADVISORY

 NEXT COMPLETE ADVISORY...1100 PM EDT.
 TROPICAL CYCLONE UPDATES WILL BE ISSUED AT 700 AND 900 PM EDT...AND WHEN LANDFALL OCCURS.

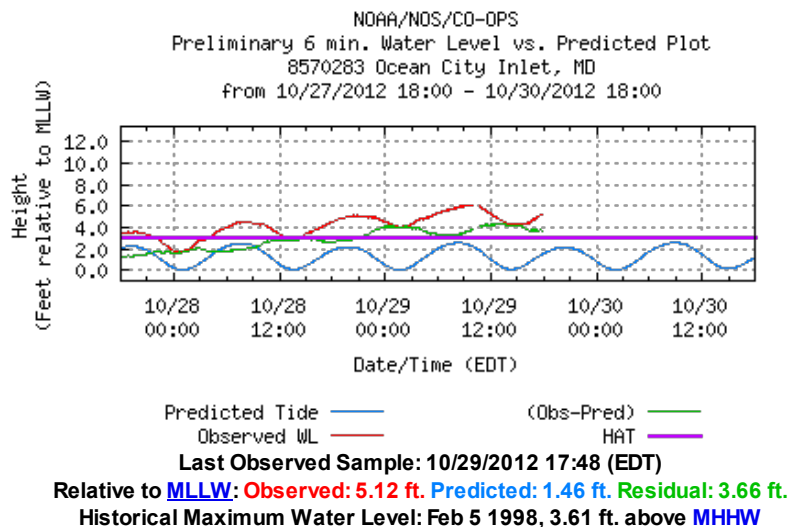
\$\$
 FORECASTER STEWART

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

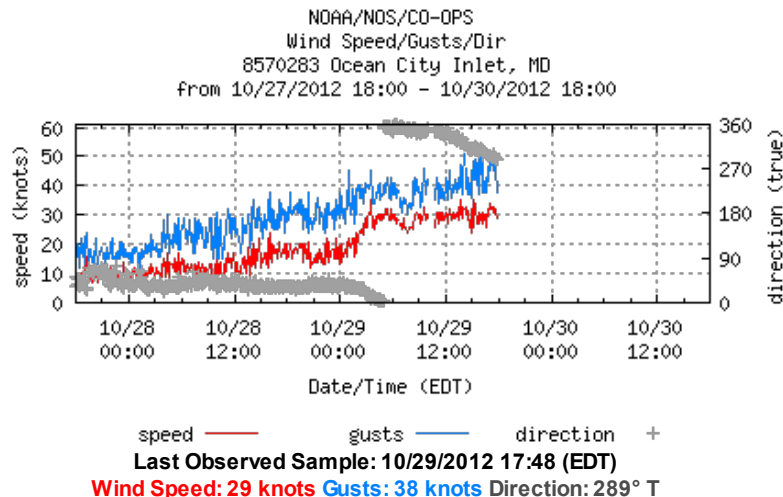
Jump to: [Ocean City Inlet - Water Level](#), [Ocean City Inlet - Winds](#),
[Ocean City Inlet - Barometric](#), [Lewes - Water Level](#), [Lewes - Winds](#),
[Lewes - Barometric](#), [Cape May - Water Level](#), [Cape May - Winds](#),
[Cape May - Barometric](#), [Atlantic City - Water Level](#), [Atlantic City - Barometric](#),
[Sandy Hook - Water Level](#), [Sandy Hook - Winds](#), [Sandy Hook - Barometric](#),
[Bergen Point West Reach - Water Level](#), [Bergen Point West Reach - Winds](#),
[Bergen Point West Reach - Barometric](#), [Bergen Point West Reach - Air/Water Temp](#),
[The Battery - Water Level](#), [Kings Point - Water Level](#), [Kings Point - Winds](#),

[Kings Point - Barometric](#), [New Haven - Water Level](#), [New Haven - Winds](#),
[New Haven - Barometric](#), [New London - Water Level](#), [New London - Winds](#),
[Providence - Water Level](#), [Providence - Winds](#), [Providence - Barometric](#),
[Nantucket Island - Water Level](#), [Nantucket Island - Winds](#), [Boston - Water Level](#),
[Wells - Water Level](#), [Wells - Winds](#), [Wells - Barometric](#), [Wells - Air/Water Temp](#),
[Wachapreague - Water Level](#), [Wachapreague - Winds](#), [Wachapreague - Barometric](#),
[Chesapeake Bay Bridge Tunnel - Water Level](#), [Chesapeake Bay Bridge Tunnel - Winds](#),
[Chesapeake Bay Bridge Tunnel - Barometric](#), [USCG Station Hatteras - Water Level](#),
[USCG Station Hatteras - Winds](#), [USCG Station Hatteras - Barometric](#),

[Ocean City Inlet, MD](#) - [Return to List](#)

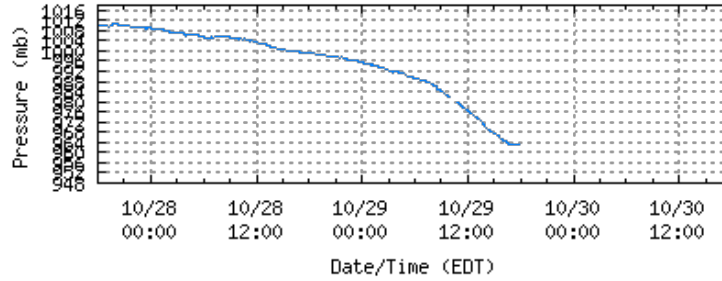


[Ocean City Inlet, MD](#) - [Return to List](#)



[Ocean City Inlet, MD](#) - [Return to List](#)

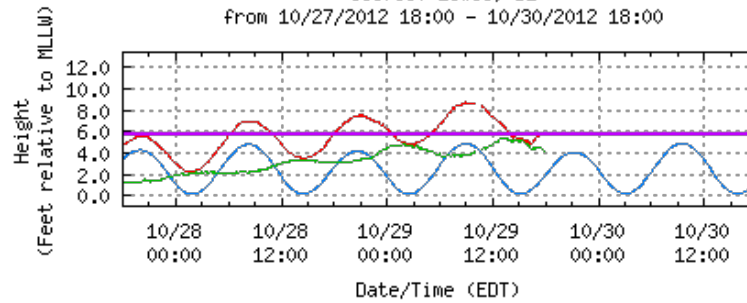
NOAA/NOS/CO-OPS
Barometric Pressure Plot
8570283 Ocean City Inlet, MD
from 10/27/2012 18:00 - 10/30/2012 18:00



barometric pressure —
Last Observed Sample: 10/29/2012 17:48 (EDT)
Barometric Pressure: 963.2 mb

[Lewes, DE - Return to List](#)

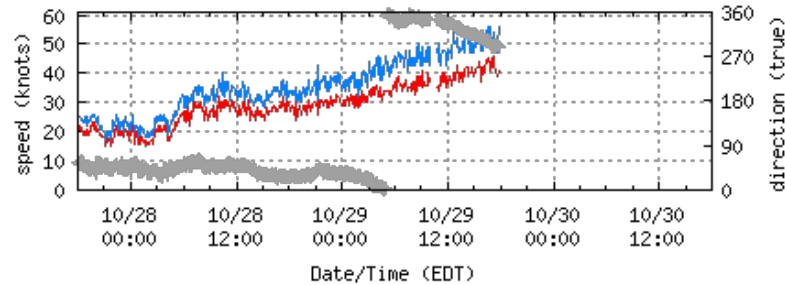
NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8557380 Lewes, DE
from 10/27/2012 18:00 - 10/30/2012 18:00



Predicted Tide — (Obs-Pred) —
Observed WL — HAT —
Last Observed Sample: 10/29/2012 17:48 (EDT)
Relative to MLLW: Observed: 5.94 ft. Predicted: 1.72 ft. Residual: 4.22 ft.
Historical Maximum Water Level: Mar 6 1962, 4.57 ft. above MHHW

[Lewes, DE - Return to List](#)

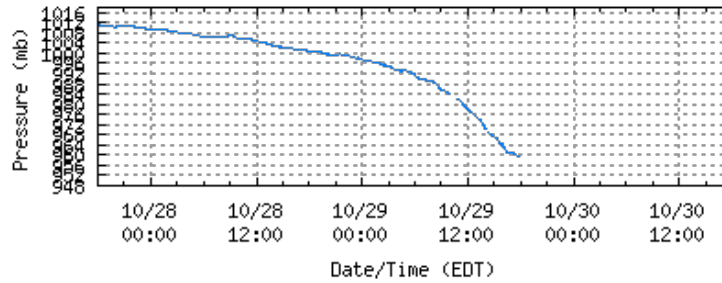
NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8557380 Lewes, DE
from 10/27/2012 18:00 - 10/30/2012 18:00



speed — gusts — direction +
Last Observed Sample: 10/29/2012 17:48 (EDT)
Wind Speed: 41 knots Gusts: 56 knots Direction: 291° T

[Lewes, DE - Return to List](#)

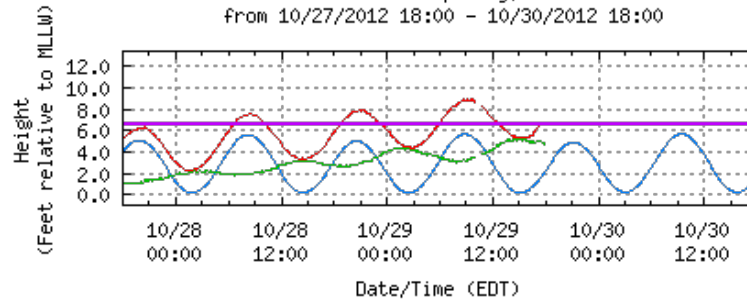
NOAA/NOS/CO-OPS
Barometric Pressure Plot
8557380 Lewes, DE
from 10/27/2012 18:00 - 10/30/2012 18:00



barometric pressure —
Last Observed Sample: 10/29/2012 17:48 (EDT)
Barometric Pressure: 959.3 mb

[Cape May, NJ - Return to List](#)

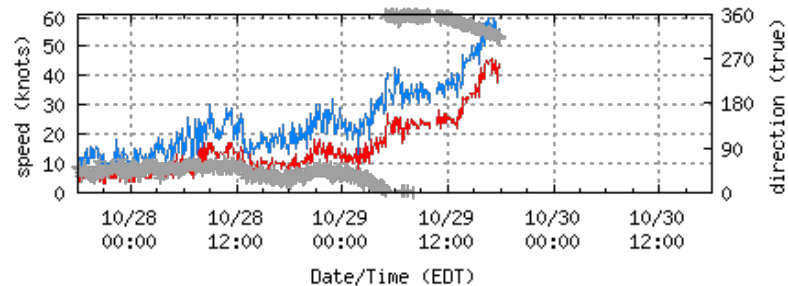
NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8536110 Cape May, NJ
from 10/27/2012 18:00 - 10/30/2012 18:00



Predicted Tide — (Obs-Pred) —
Observed WL — HAT —
Last Observed Sample: 10/29/2012 17:54 (EDT)
Relative to MLLW: Observed: 6.78 ft. Predicted: 2.09 ft. Residual: 4.69 ft.
Historical Maximum Water Level: Sep 27 1985, 3.36 ft. above MHHW

[Cape May, NJ - Return to List](#)

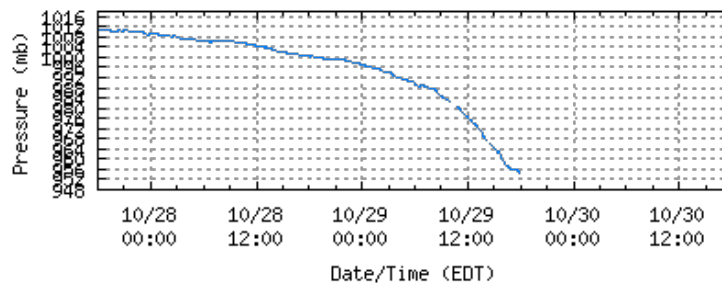
NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8536110 Cape May, NJ
from 10/27/2012 18:00 - 10/30/2012 18:00



speed — gusts — direction +
Last Observed Sample: 10/29/2012 17:54 (EDT)
Wind Speed: 44 knots Gusts: 53 knots Direction: 312° T

[Cape May, NJ - Return to List](#)

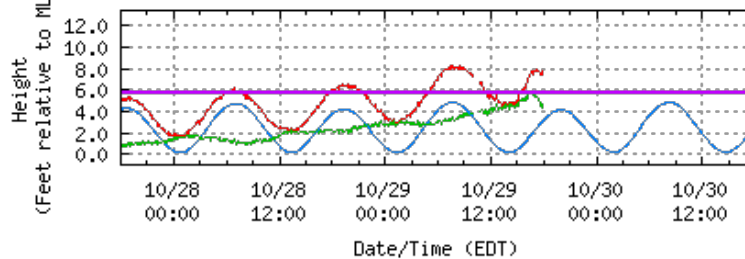
NOAA/NOS/CO-OPS
Barometric Pressure Plot
8536110 Cape May, NJ
from 10/27/2012 18:00 - 10/30/2012 18:00



barometric pressure —
Last Observed Sample: 10/29/2012 17:54 (EDT)
Barometric Pressure: 954.4 mb

[Atlantic City, NJ - Return to List](#)

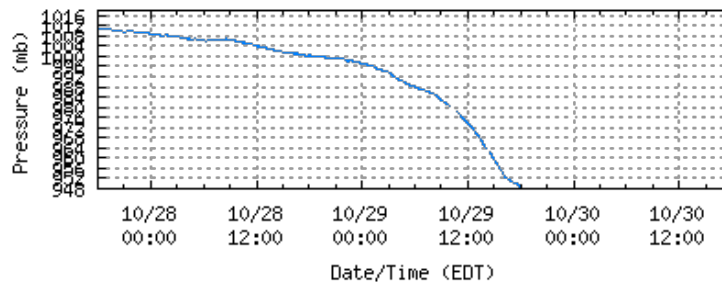
NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8534720 Atlantic City, NJ
from 10/27/2012 18:00 - 10/30/2012 18:00



Predicted Tide — (Obs-Pred) —
Observed WL — HAT —
Last Observed Sample: 10/29/2012 17:54 (EDT)
Relative to **MLLW**: Observed: 7.43 ft. Predicted: 3.09 ft. Residual: 4.34 ft.
Historical Maximum Water Level: Dec 11 1992, 4.38 ft. above **MHHW**

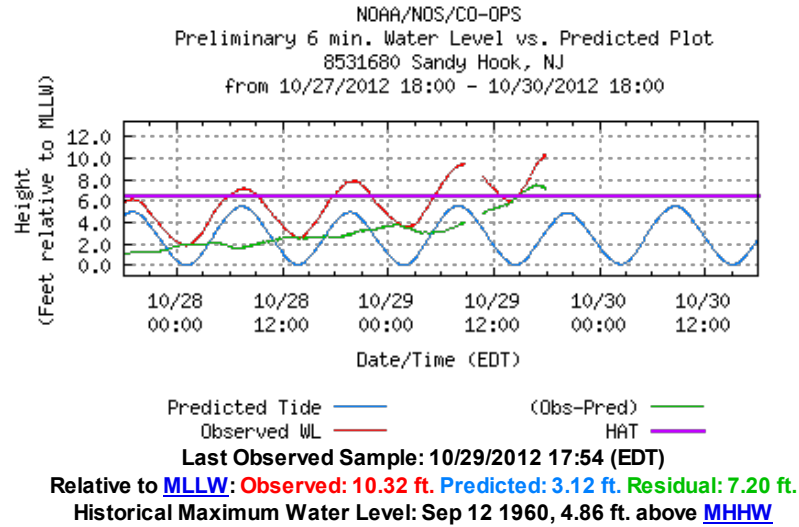
[Atlantic City, NJ - Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8534720 Atlantic City, NJ
from 10/27/2012 18:00 - 10/30/2012 18:00

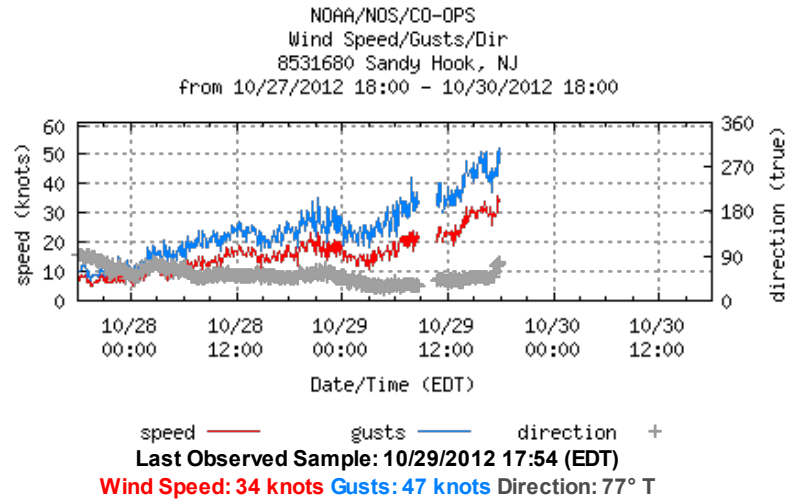


barometric pressure —
Last Observed Sample: 10/29/2012 17:54 (EDT)
Barometric Pressure: 948.3 mb

[Sandy Hook, NJ - Return to List](#)

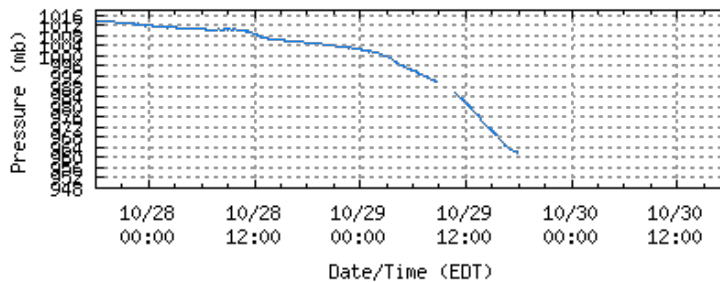


[Sandy Hook, NJ - Return to List](#)



[Sandy Hook, NJ - Return to List](#)

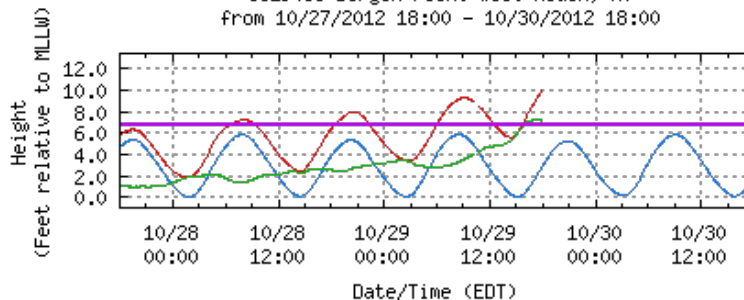
NOAA/NOS/CO-OPS
Barometric Pressure Plot
8531680 Sandy Hook, NJ
from 10/27/2012 18:00 - 10/30/2012 18:00



barometric pressure —
Last Observed Sample: 10/29/2012 17:54 (EDT)
Barometric Pressure: 961.8 mb

[Bergen Point West Reach, NY - Return to List](#)

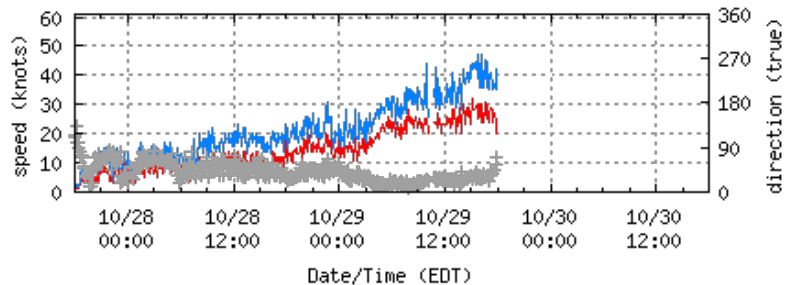
NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8519483 Bergen Point West Reach, NY
from 10/27/2012 18:00 - 10/30/2012 18:00



Predicted Tide — (Obs-Pred) —
Observed WL — HAT —
Last Observed Sample: 10/29/2012 17:54 (EDT)
Relative to MLLW: Observed: 9.94 ft. Predicted: 2.80 ft. Residual: 7.14 ft.
Historical Maximum Water Level: Aug 28 2011, 4.7 ft. above MHHW

[Bergen Point West Reach, NY - Return to List](#)

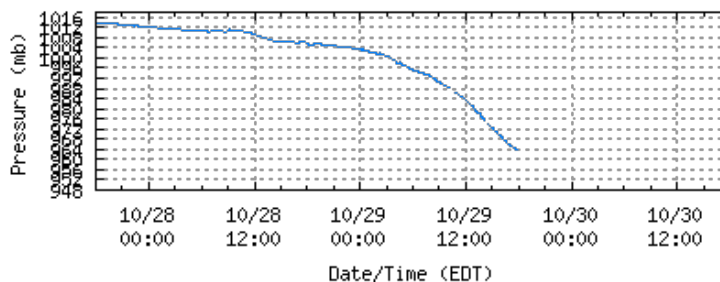
NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8519483 Bergen Point West Reach, NY
from 10/27/2012 18:00 - 10/30/2012 18:00



speed — gusts — direction +
Last Observed Sample: 10/29/2012 17:54 (EDT)
Wind Speed: 20 knots Gusts: 42 knots Direction: 72° T

[Bergen Point West Reach, NY - Return to List](#)

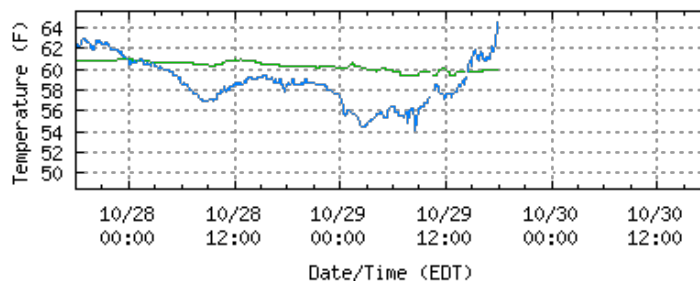
NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8519483 Bergen Point West Reach, NY
 from 10/27/2012 18:00 - 10/30/2012 18:00



barometric pressure —
Last Observed Sample: 10/29/2012 17:54 (EDT)
Barometric Pressure: 963.8 mb

[Bergen Point West Reach, NY](#) - [Return to List](#)

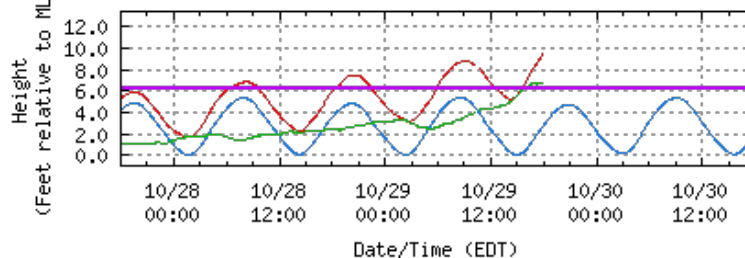
NOAA/NOS/CO-OPS
 Air/Water Temperature Plot
 8519483 Bergen Point West Reach, NY
 from 10/27/2012 18:00 - 10/30/2012 18:00



water temp. — air temp. —
Last Observed Sample: 10/29/2012 17:54 (EDT)
Water Temperature: 59.9° F Air Temperature: 64.6° F

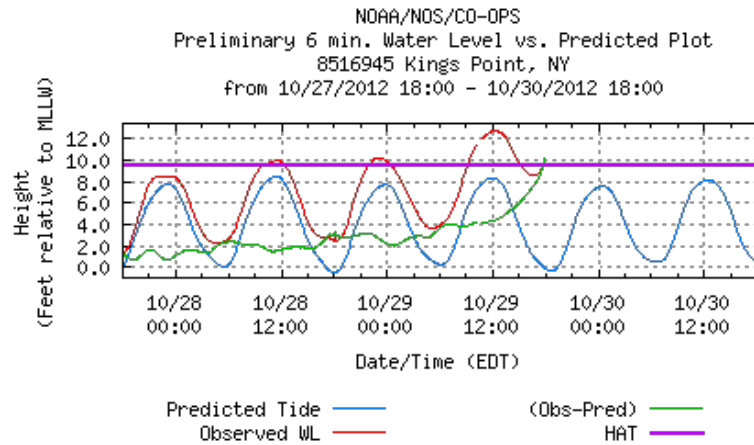
[The Battery, NY](#) - [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8518750 The Battery, NY
 from 10/27/2012 18:00 - 10/30/2012 18:00



Predicted Tide — (Obs-Pred) —
 Observed WL — HAT —
Last Observed Sample: 10/29/2012 17:54 (EDT)
 Relative to **MLLW**: **Observed: 9.48 ft. Predicted: 2.68 ft. Residual: 6.80 ft.**
 Historical Maximum Water Level: Sep 12 1960, 4.96 ft. above **MHHW**

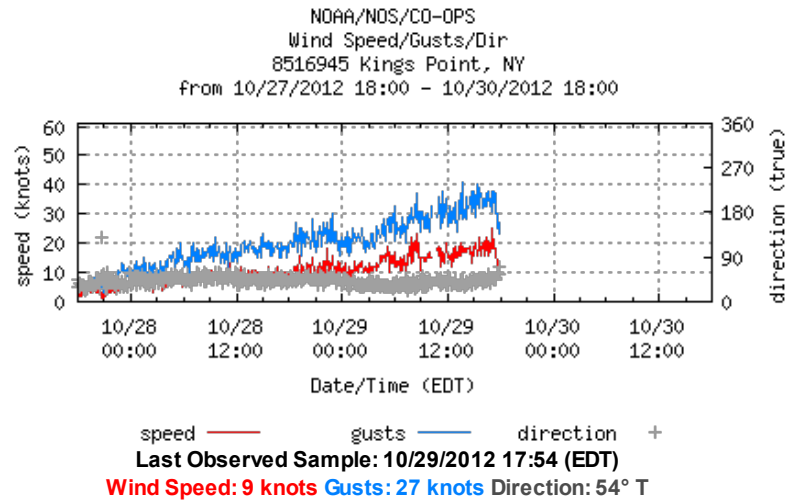
[Kings Point, NY - Return to List](#)



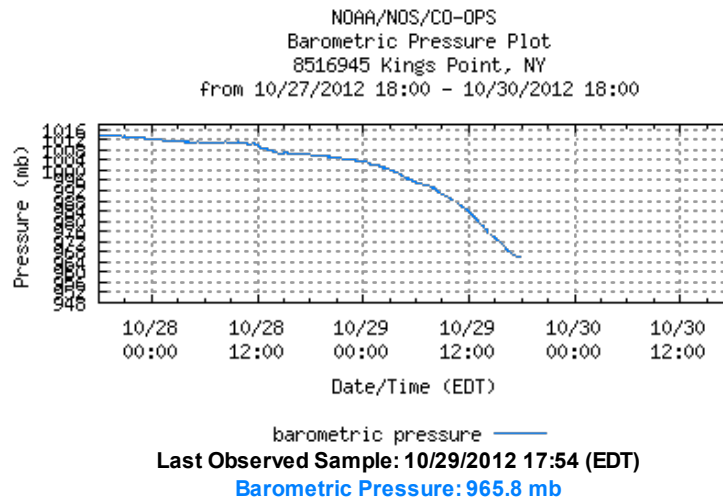
Last Observed Sample: 10/29/2012 17:54 (EDT)

Relative to [MLLW](#): Observed: 10.04 ft. Predicted: -0.05 ft. Residual: 10.09 ft.
Historical Maximum Water Level: Aug 28 2011, 4.51 ft. above [MHHW](#)

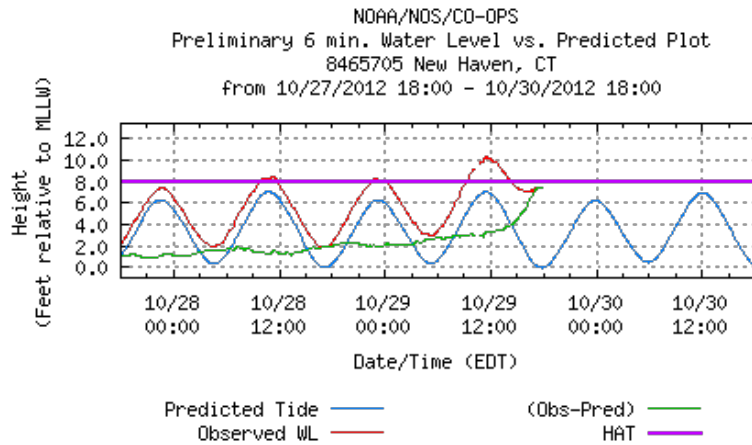
[Kings Point, NY - Return to List](#)



[Kings Point, NY - Return to List](#)

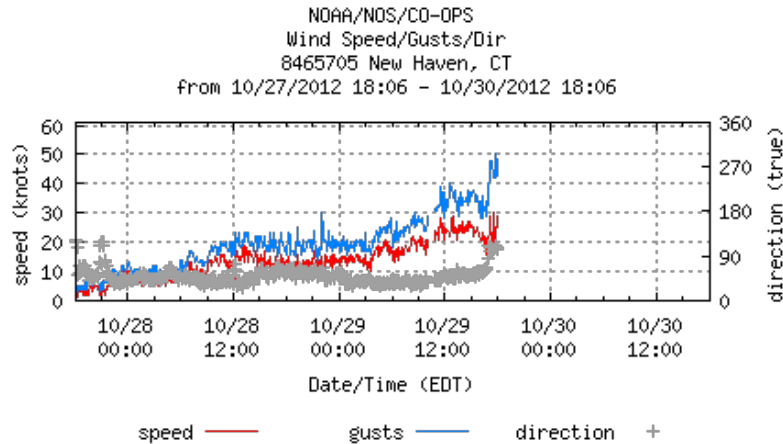


[New Haven, CT - Return to List](#)



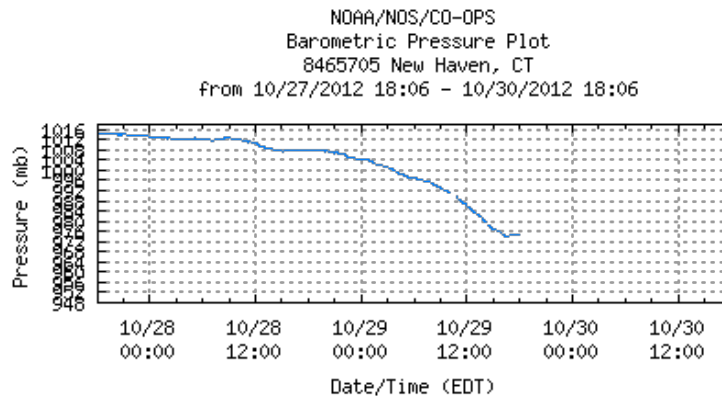
Last Observed Sample: 10/29/2012 17:54 (EDT)
Relative to **MLLW**: **Observed: 7.43 ft. Predicted: -0.04 ft. Residual: 7.47 ft.**
Historical Maximum Water Level: Aug 28 2011, 4.82 ft. above **MHHW**

[New Haven, CT - Return to List](#)



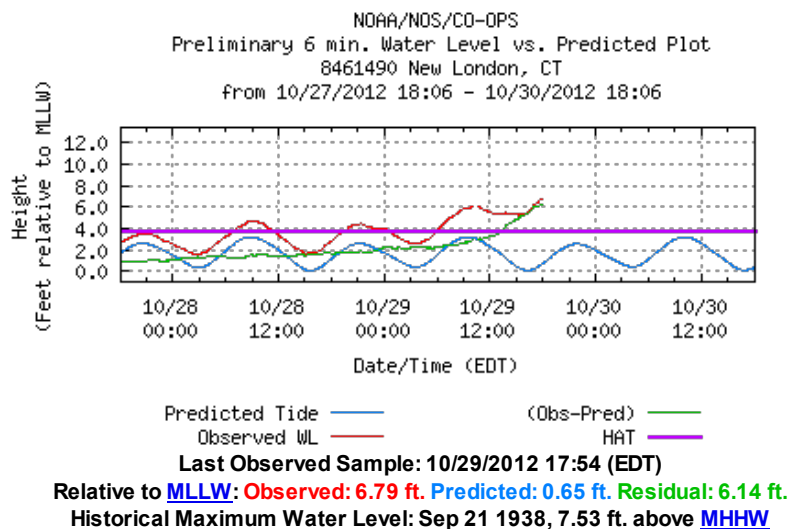
Last Observed Sample: 10/29/2012 17:54 (EDT)
Wind Speed: 29 knots Gusts: 47 knots Direction: 109° T

[New Haven, CT - Return to List](#)

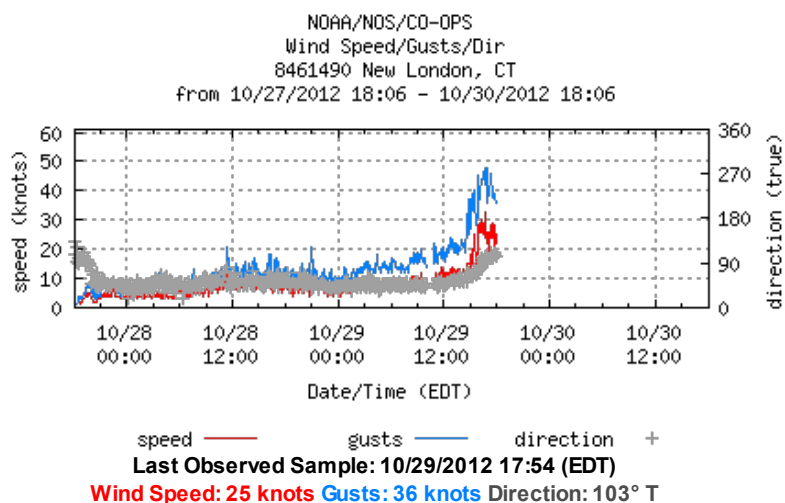


Last Observed Sample: 10/29/2012 17:54 (EDT)
Barometric Pressure: 974.8 mb

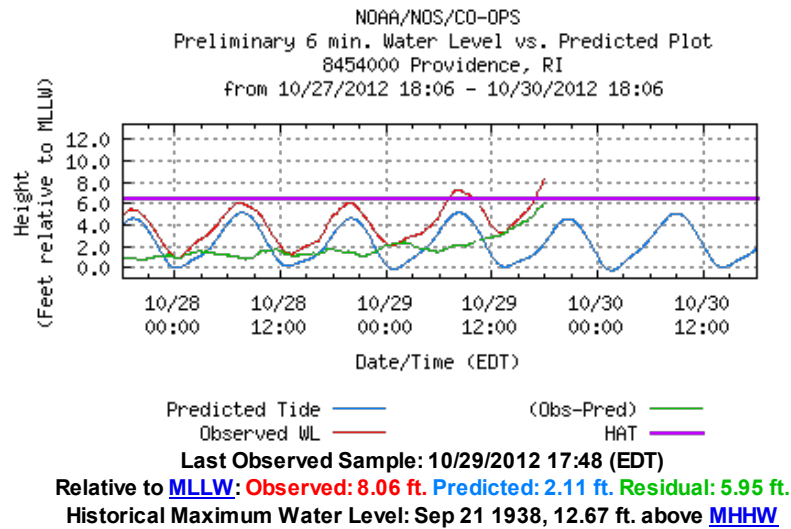
[New London, CT](#) - [Return to List](#)



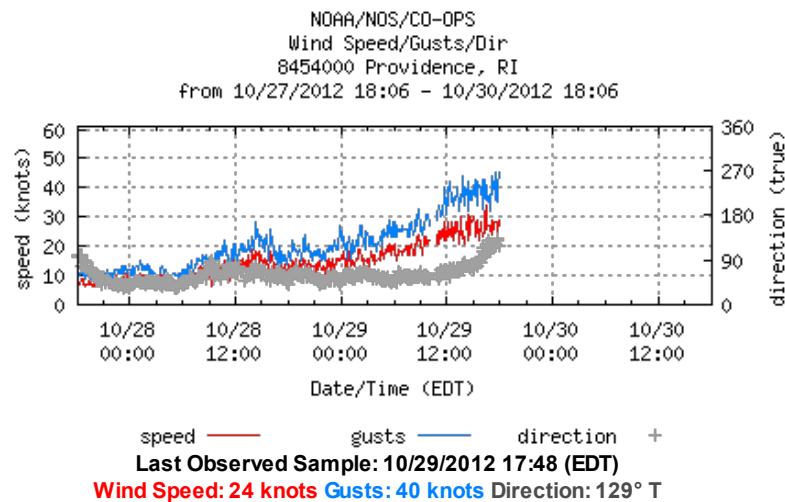
[New London, CT](#) - [Return to List](#)



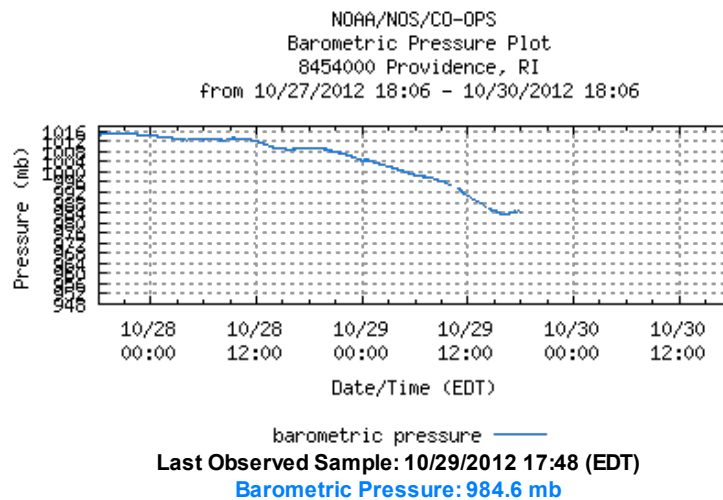
[Providence, RI](#) - [Return to List](#)



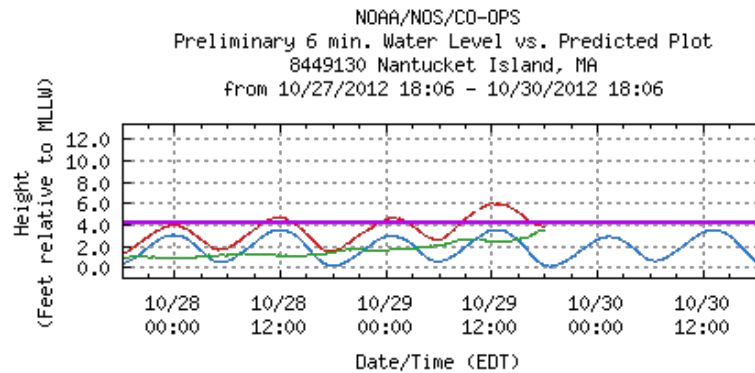
[Providence, RI - Return to List](#)



[Providence, RI - Return to List](#)



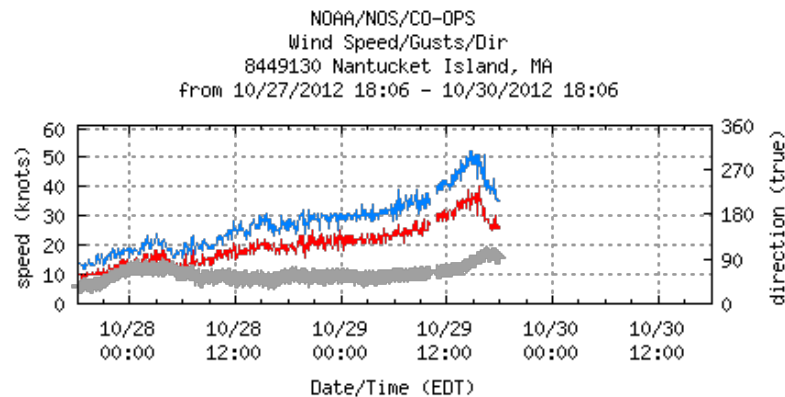
[Nantucket Island, MA - Return to List](#)



Predicted Tide — (Obs-Pred) —
Observed WL — HAT —

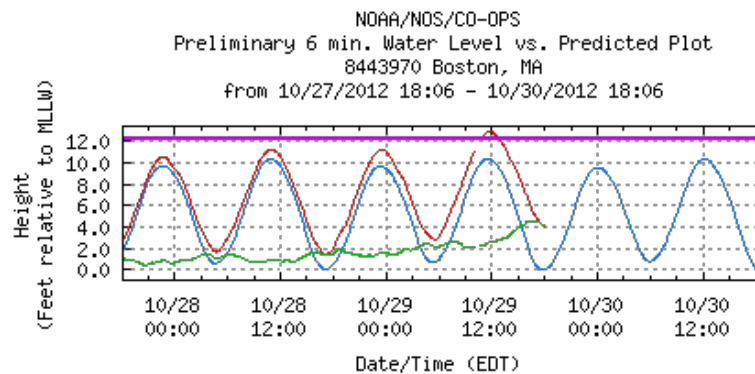
Last Observed Sample: 10/29/2012 17:48 (EDT)
Relative to MLLW: Observed: 3.82 ft. Predicted: 0.29 ft. Residual: 3.53 ft.
Historical Maximum Water Level: Oct 30 1991, 4.29 ft. above MHHW

[Nantucket Island, MA - Return to List](#)



speed — gusts — direction +
Last Observed Sample: 10/29/2012 17:48 (EDT)
Wind Speed: 27 knots Gusts: 35 knots Direction: 96° T

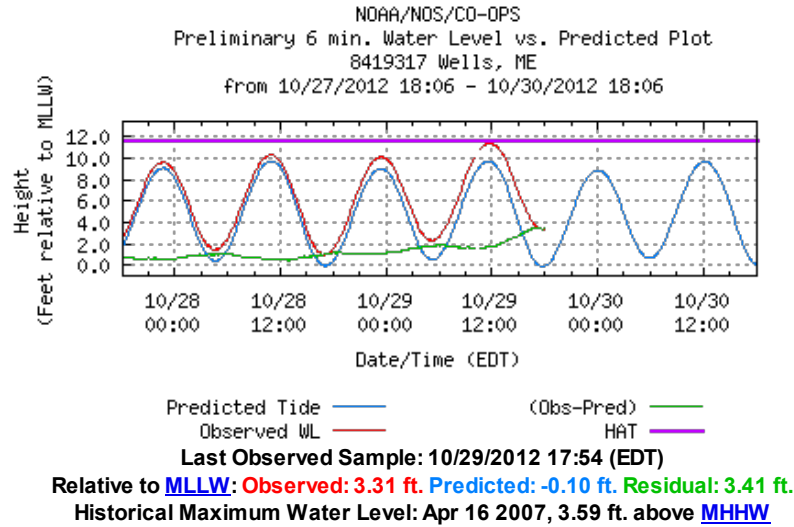
[Boston, MA - Return to List](#)



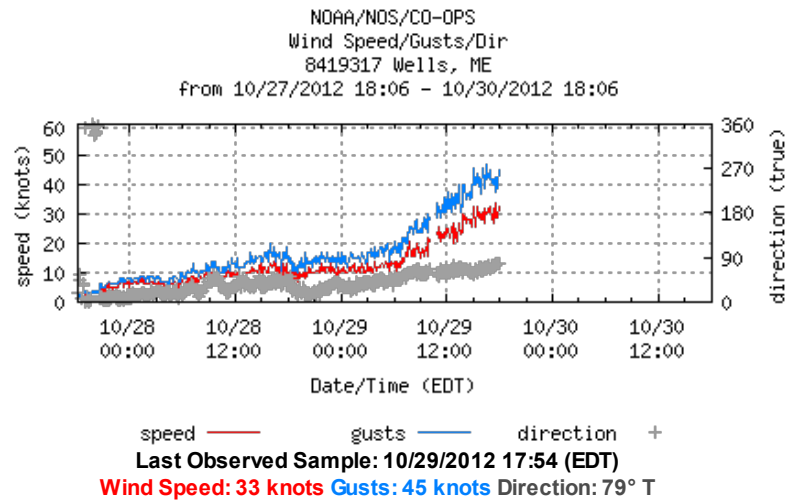
Predicted Tide — (Obs-Pred) —
Observed WL — HAT —

Last Observed Sample: 10/29/2012 17:54 (EDT)
Relative to MLLW: Observed: 4.07 ft. Predicted: -0.03 ft. Residual: 4.10 ft.
Historical Maximum Water Level: Feb 7 1978, 4.82 ft. above MHHW

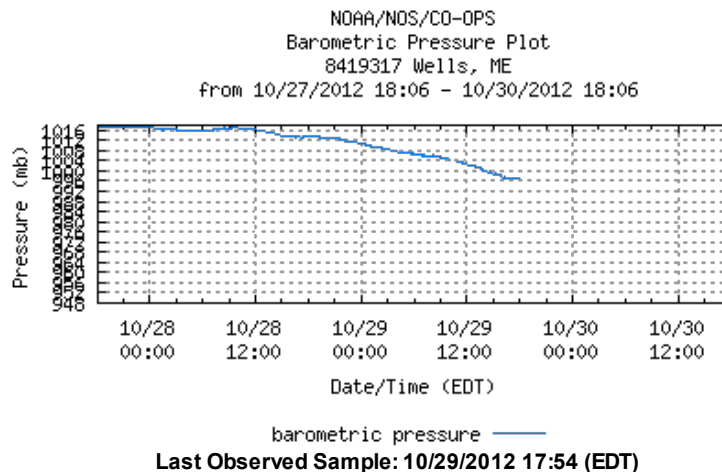
[Wells, ME - Return to List](#)



[Wells, ME - Return to List](#)

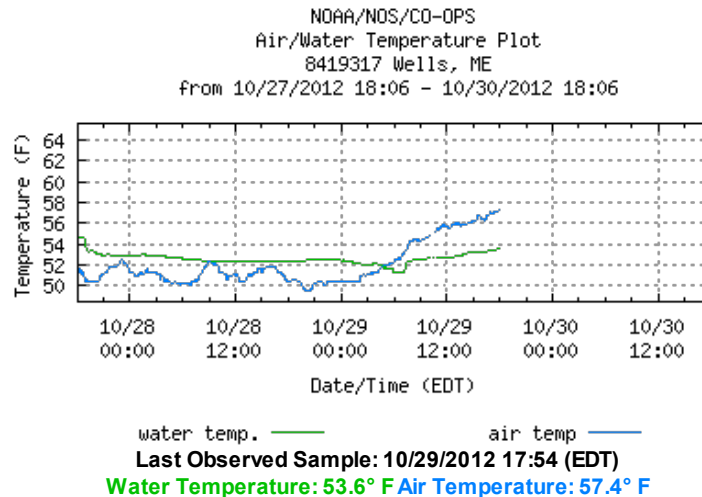


[Wells, ME - Return to List](#)

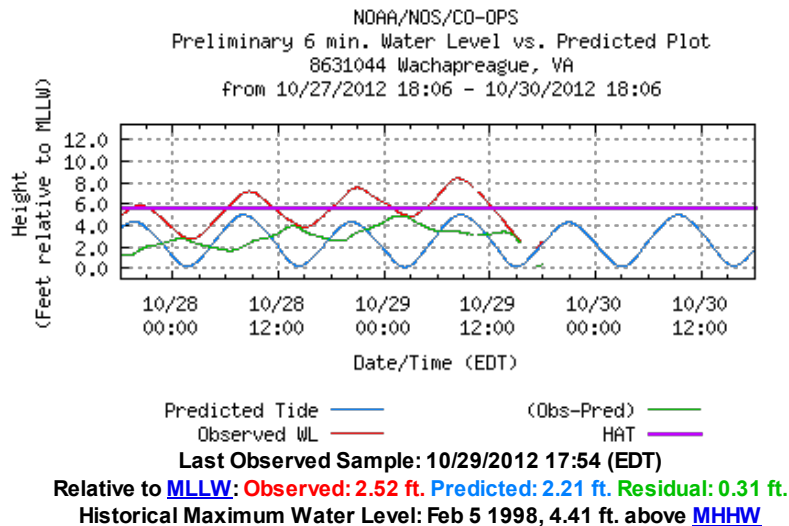


Barometric Pressure: 997.1 mb

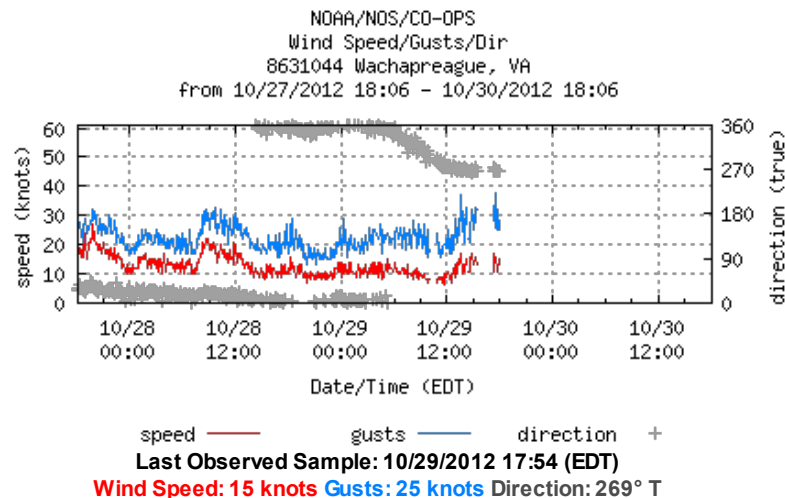
[Wells, ME](#) - [Return to List](#)



[Wachapreague, VA](#) - [Return to List](#)

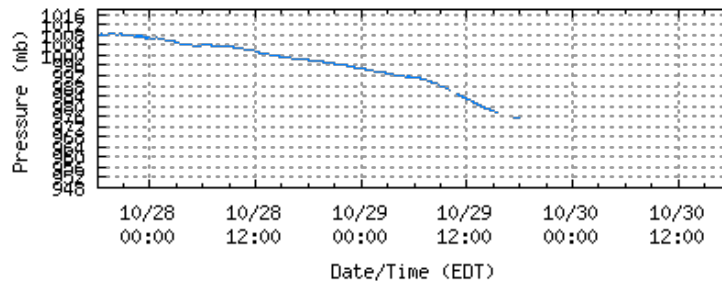


[Wachapreague, VA](#) - [Return to List](#)



[Wachapreague, VA - Return to List](#)

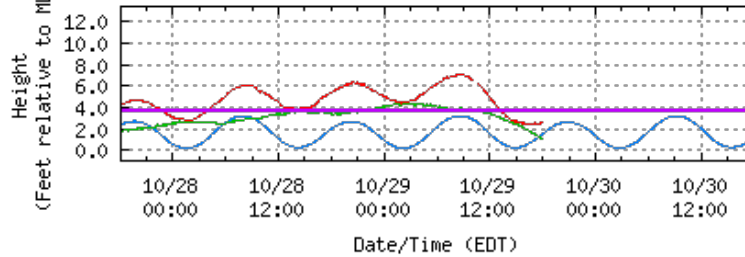
NOAA/NOS/CO-OPS
Barometric Pressure Plot
8631044 Wachapreague, VA
from 10/27/2012 18:06 - 10/30/2012 18:06



barometric pressure —
Last Observed Sample: 10/29/2012 17:54 (EDT)
Barometric Pressure: 975.1 mb

[Chesapeake Bay Bridge Tunnel, VA - Return to List](#)

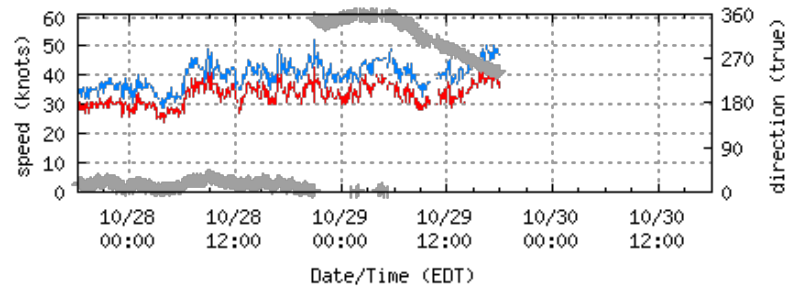
NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8638863 Chesapeake Bay Bridge Tunnel, VA
from 10/27/2012 18:06 - 10/30/2012 18:06



Predicted Tide — (Obs-Pred) —
Observed WL — HAT —
Last Observed Sample: 10/29/2012 17:48 (EDT)
Relative to **MLLW**: **Observed: 2.54 ft. Predicted: 1.41 ft. Residual: 1.13 ft.**
Historical Maximum Water Level: Nov 12 2009, 4.66 ft. above **MHHW**

[Chesapeake Bay Bridge Tunnel, VA - Return to List](#)

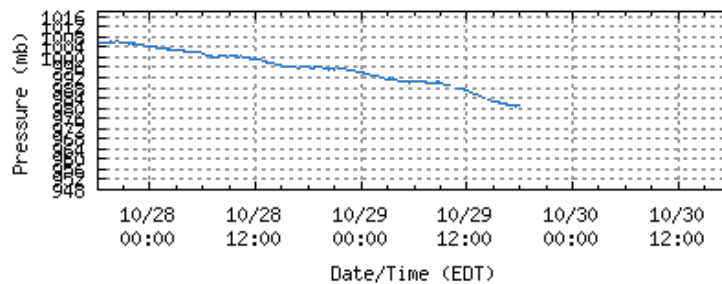
NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8638863 Chesapeake Bay Bridge Tunnel, VA
from 10/27/2012 18:06 - 10/30/2012 18:06



speed — gusts — direction +
Last Observed Sample: 10/29/2012 17:48 (EDT)
Wind Speed: 40 knots Gusts: 48 knots Direction: 243° T

[Chesapeake Bay Bridge Tunnel, VA](#) - [Return to List](#)

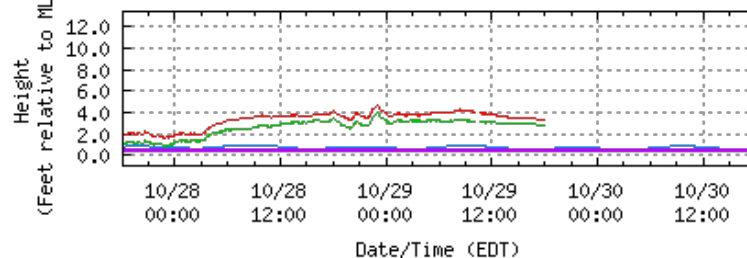
NOAA/NOS/CO-OPS
Barometric Pressure Plot
8638863 Chesapeake Bay Bridge Tunnel, VA
from 10/27/2012 18:06 - 10/30/2012 18:06



barometric pressure —
Last Observed Sample: 10/29/2012 17:48 (EDT)
Barometric Pressure: 980.8 mb

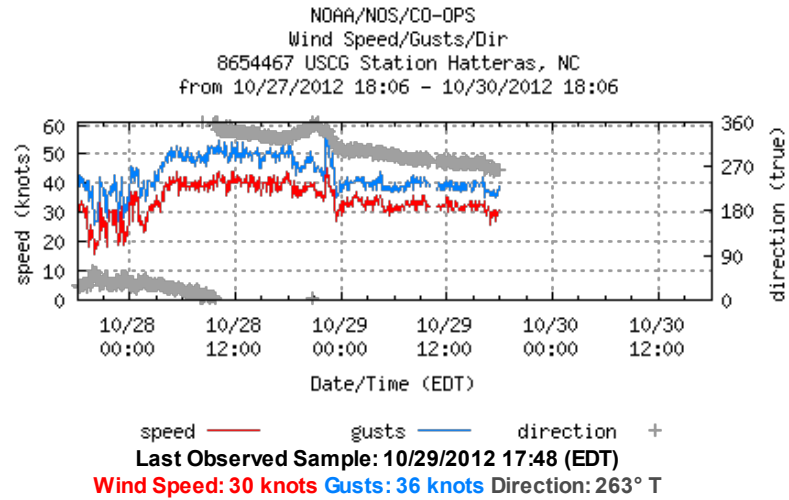
[USCG Station Hatteras, NC](#) - [Return to List](#)

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8654467 USCG Station Hatteras, NC
from 10/27/2012 18:06 - 10/30/2012 18:06

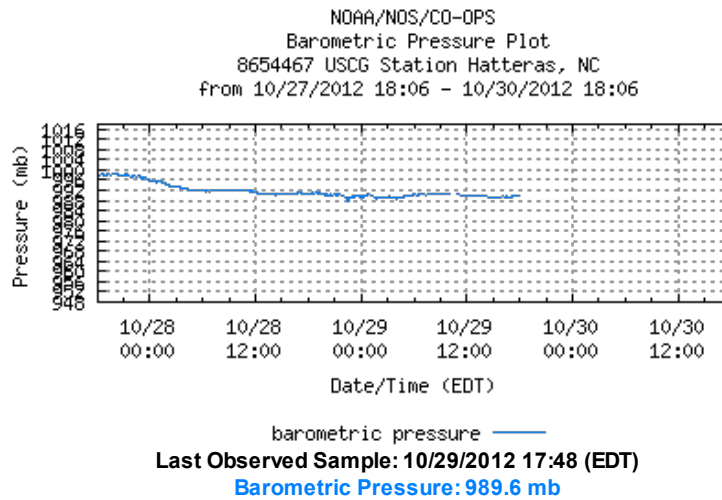


Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —
Last Observed Sample: 10/29/2012 17:48 (EDT)
Relative to MLLW: Observed: 3.29 ft. Predicted: 0.56 ft. Residual: 2.73 ft.
Historical Maximum Water Level: Sep 3 2010, 4.04 ft. above MHHW

[USCG Station Hatteras, NC](#) - [Return to List](#)



[USCG Station Hatteras, NC - Return to List](#)



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